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CENTRAL FAX CENTER**SEP 4 - 2007****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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|---|---|----------------------|--------------------------|
| In re United States Patent Application of: |) | Docket No.: | 2771-688 |
| Applicants: |) | Conf. No.: | 7009 |
| Application No.: |) | Art Unit: | 1742 |
| Date Filed: |) | Examiner: | Nicholas A. Smith |
| Title: |) | Customer No.: | |
| ON-WAFER |) | | |
| ELECTROCHEMICAL |) | | |
| DEPOSITION PLATING |) | | |
| METROLOGY PROCESS |) | | |
| AND APPARATUS |) | | |

23448**FACSIMILE TRANSMISSION CERTIFICATE****ATTN: Examiner Nicholas A. Smith****Fax No. (571) 273-8300**

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Number of Pages

Steven J. Hultquist

September 4, 2007

Date

RESPONSE TO JUNE 5, 2007 OFFICE ACTION IN U.S. PATENT APPLICATION NO.
10/722,174

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

2771-688

This responds to the June 5, 2007 Office Action in the above-identified application.

A listing of the claims of the application is set out in **Section I (Listing of the Claims)** beginning at page 3 hereof.

Remarks concerning the substance of the June 5, 2007 Office Action are set out in **Section II (Remarks)** beginning at page 9 hereof.